



CAIT

Center for Advanced Infrastructure & Transportation
Rutgers, The State University of New Jersey

QUARTERLY PROGRESS REPORT

Project Title:	New Jersey State LTAP Technology Transfer Center (FHWA) 2009		
RFP NUMBER:		NJDOT RESEARCH PROJECT MANAGER: W. Lad Szalaj	
TASK ORDER NUMBER: TO 230 / Acct 4-30745		PRINCIPAL INVESTIGATOR: Dr. Ali Maher	
Project Starting Date: 01/01/2009 Original Project Ending Date: 12/31/2009		Period Covered: 3rd Quarter 2009	

Task #	Task	% of Total	Fixed Budget	% of Task this quarter	Cost this quarter	% of Task to date	Total cost to date
1	Mobilization		\$ -	0.00%	\$ -	0.00%	\$ -
2	Safety Focus Area	30.50%	\$ 73,264	15.00%	\$ 10,990	85.00%	\$ 62,274
3	Infrastructure Management Focus Area	28.10%	\$ 67,289	15.00%	\$ 10,093	75.00%	\$ 50,467
4	Workforce Development Focus Area	23.00%	\$ 55,290	30.00%	\$ 16,587	75.00%	\$ 41,468
5	Organizational Excellence	18.40%	\$ 44,157	25.00%	\$ 11,039	75.00%	\$ 33,118
6		0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
7		0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
8		0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
9		0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
10		0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
11		0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
12		0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
13		0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
14		0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
15		0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
16		0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
17		0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
18		0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
19		0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
20		0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
	TOTAL	100.00%	\$ 240,000		\$ 48,709		\$ 187,327

Blue text is entered once at the beginning of the project

Green text is updated ever quarter

Black text is automatically updated or static



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Project Objectives:

The New Jersey Local Technical Assistance Program (LTAP) has a mission to become an information clearinghouse to foster a safe, efficient, environmentally sound transportation system by improving the skills and knowledge of the transportation industry through technology transfer activities, such as training, technical assistance and dissemination of resources.

The objectives of this project are to continue to diversify and expand the customer base, deliver quality customer service, communicate the program values to partners and clients, and enhance the technology transfer network, through the activities of the New Jersey Local Technical Assistance Program (LTAP).

Project Abstract:

The Center for Advanced Infrastructure and Transportation (CAIT), located at Rutgers University, is submitting this proposal for the continuation of the New Jersey Local Technical Assistance Program (NJ LTAP). NJ LTAP will conduct technology transfer activities that include the dissemination of information through a monthly newsletter, conducting training programs, and administering clearinghouse activities. This ongoing effort provides public works, engineering, planning, and law enforcement employees with training and information in the areas of design, maintenance, inspection, supervision, employee development, and other transportation related subjects. NJ LTAP will also support and provide services to the transportation research community in cooperation with the New Jersey Department of Transportation.

Recently, FHWA has revised the LTAP/TTAP focus areas and performance measures to better reflect a continuous cycle of improvement. Performance measures, formerly known as tasks, will be used in 2009 to assess safety, workforce development, infrastructure management, and organizational excellence. This approach will provide an opportunity to continually reassess the customer base and value in each focus area.



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Center Name: New Jersey Local Technical Assistance Program

Reporting Period: July 1, 2009 to September 30, 2009

Program Dashboard

Total number of training sessions:	<u>33</u>
Total number of participants:	<u>283</u>
Total number of participant hours:	<u>5,906.5</u>
Total newsletter circulation:	<u>7,630</u>
Total number of LTAP/TTAP FTEs:	<u>1.75</u>

Training Data

Safety

The Safety metric is divided into 2 categories: Highway Safety and Worker/Workplace Safety. Count the training your center conducted or had responsibility for conducting, such as training co-sponsored with a partner.

Highway and Worker Safety

Session Name	Session Length [hours]	Total # of Sessions	Total # of participants					Total # of Participants	Total Participant Hours
			Local	Tribal	State	Federal	Other		
Work Zone Safety Awareness Program	6	1	10				19	29	174
Crash Data Records Technician Training	5	3	68		5			73	365
Retroreflectivity Workshop	3	2	37					37	111
TOTAL	14	6	115		5			139	710



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Infrastructure Management

Session Name	Session Length [hours]	Total # of Sessions	Total # of participants					Total # of Participants	Total Participant Hours
			Local	Tribal	State	Federal	Other		
Pavement Maintenance: Crack Treatment Seminar	6	1	23					23	138
Senior Officials Disaster Management for Water and Wastewater	6	1	15		9	1	1	26	156
The Mini Bridge: Intro to Culvert Planning and Design	6	1	5				10	15	90
SAT Level One Asphalt Plant Technician	30	1			1		11	12	360
APWA Waste Management Operations	3	1	27					27	81
TOTAL	51	5	70		10	1	22	103	825

Workforce Development

Session Name	Session Length [hours]	Total # of Sessions	Total # of participants					Total # of Participants	Total Participant Hours
			Local	Tribal	State	Federal	Other		
Effects of Budget on Public Works as it Relates to the Economy	3	1	24					24	72
Local Public Contracts Law Update	2.5	1	19					19	47.5
National Summer Transportation Institute	7	22	28					28	4,312
TOTAL	12.5	22	71					41	4,431.5



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Newsletter / Published Resources Data

Circulation

Name of Newsletter	Circulation				
	Local	Tribal	State	Federal	Other
LTAP E-News	1,963	7	920	161	764

Number of Articles per Focus Area

Newsletter Issue	Safety			Workforce Development	Infrastructure Management
	Highway	Worker	Work Zone		
Volume 11, Number 07/08	1	1		2	3
Volume 11 Number 09	1	2	1	1	2

Materials Distribution Data

Material Types	Safety			Workforce Development	Infrastructure Management
	Highway	Worker	Work Zone		
Publications	186		174	603	115
CDs					
Videotapes					
DVDs					45
Downloads					
Others [insert]					
TOTAL:					

Technical Assistance Data

Estimate the total percentage of time spent by your Center staff providing technical assistance during the past quarter: **40%**



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Activities Related to Program Stakeholders

Organization	Activities					
	# of times center distributed information for this organization (mail, e-mail, fax, etc.)	# of joint training sessions	# of joint conferences	# of joint special programs	# of articles reprinted in LTAP/TTAP newsletters from this organization	# of center staff participating in national program efforts
National Stakeholders						
FHWA (HQ, Resource Center)	4				2	2
AASHTO						1
NACE	2				2	1
APWA	4				4	1
TRB						1
Salt Institute						1
State/Local Stakeholders						
FHWA Division						2
State DOT/govt	1	1				3
AASHTO Chapter						
NACE Chapter						1
APWA Chapter	3	2		1		1
ITE						2
Other Stakeholders						
NJ Society of Municipal Engineers						2
NJ Div of Highway Traffic Safety	3	4			1	2
NJ Asphalt Pavement Assoc.	1	1				1
NJ WZS Partnership		1	1			2



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1. Progress this quarter by task, with specific deliverables:

A. Safety Focus Area

6 Workshops
360 Resources Distributed

B. Infrastructure Management Focus Area

5 Workshops
160 Resources Distributed

C. Workforce Development Focus Area

22 Workshops
603 Resources Distributed

D. Organizational Excellence

New Jersey Police Traffic Officers Association Meeting	July 1, 2009
Council of University Transportation Centers Summer Meeting	July 1-2, 2009
NLTAPA Executive Committee Meeting	July 27, 2009
NLTAPA Safety Work Group Conference Call	July 13, 2009
NLTAPA Conference Annual Business Meeting	July 28, 2009
NLTAPA Conference Annual Business Meeting	July 30, 2009
NJ Safe Passages Committee Meeting	July 31, 2009
APWA NJ Chapter Executive Board Meeting	August 5, 2009
NLTAPA Safety Work Group Conference Call	August 24, 2009
NJ Paving Conference Committee Meeting	August 31, 2009
NLTAPA Executive Committee Meeting	September 9-10, 2009
APWA International Congress	September 13-15, 2009
APWA NJ Chapter Executive Board Meeting	September 23, 2009

Course/Workshop Evaluations

Ongoing



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Technical Assistance

Ongoing

2. Progress on Implementation and Training Activities:

All of the activities of this technology transfer project, and their implementation dates are included above.

Year 1 Budget	\$240,000
Total Project Budget	\$240,000
Modified Contract Amount:	\$
Total Project Expenditure to date	\$187,327
% of Total Project Budget Expended	78.05%

NJDOT Research Project Manager Concurrence: _____ Date: _____



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Project Starting Date: 01/01/2009 Original Project Ending Date: 12/31/2009 Modified Completion Date:			Period Covered: 3 rd Quarter 2009		

Task	% of Total	Fixed Budget	% of Task this quarter	Cost this quarter	% of Task to date	Total cost to date
Mobilization		\$ -	0.00%	\$ -	0.00%	\$ -
Safety Focus Area	25.00%	\$ 10,000	15.00%	\$ 1,500	85.00%	\$ 8,500
Infrastructure Management Focus Area	25.00%	\$ 10,000	20.00%	\$ 2,000	80.00%	\$ 8,000
Workforce Development Focus Area	25.00%	\$ 10,000	40.00%	\$ 4,000	85.00%	\$ 8,500
Organizational Excellence	25.00%	\$ 10,000	25.00%	\$ 2,500	75.00%	\$ 7,500
	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -
TOTAL	100.00%	\$ 40,000		\$ 10,000		\$ 32,500

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National Stakeholders						
FHWA (HQ, Resource Center)	4				2	2
AASHTO						1
NACE	2				2	1
APWA	4				4	1
TRB						1
Salt Institute						1
State/Local Stakeholders						
FHWA Division						2
State DOT/govt	1	1				3
AASHTO Chapter						
NACE Chapter						1
APWA Chapter	3	2		1		1
ITE						2
Other Stakeholders						
NJ Society of Municipal Engineers						2
NJ Div of Highway Traffic Safety	3	4			1	2
NJ Asphalt Pavement Assoc.	1	1				1
NJ WZS Partnership		1	1			2



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Course/Workshop Evaluations	Ongoing
Technical Assistance	Ongoing



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2. Progress on Implementation and Training Activities:

All of the activities of this technology transfer project, and their implementation dates are included above.

Year 1 Budget	\$40,000
Total Project Budget	\$40,000
Modified Contract Amount:	\$
Total Project Expenditure to date	\$32,500.00
% of Total Project Budget Expended	81.25%

NJDOT Research Project Manager Concurrence: _____ Date: _____